

AMPTELIKE VEILINGSKATALOGUS VIR /
OFFICIAL AUCTION CATALOGUE FOR

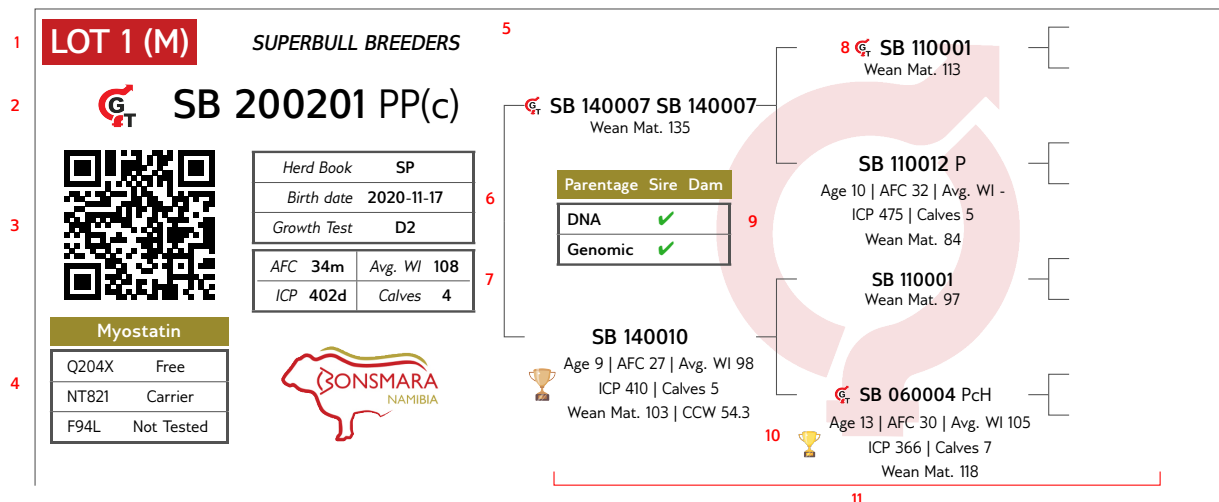
BXB ELITE VEILING

WINDHOEK

16 April 2024

All Pedigree- and Performance Data is as recorded on LOGIX on 02 April 2024





1. Lot Number & sex (mixed lots)

2. Animal Identification

GT - animal is genomically tested

Animal Identification Number

Polled Status

- Celtic: PP(c)/Pp(c) - polled, HH(c) - horned

- Phenotypic: P/PcH - polled, HH - horned, SC - scurs

3. QR Code - This code can be scanned with a smart device. It redirects to the animal's information on www.SABeefBulls.com where additional information for the animal is available.

4. Myostatin Results

- Free - free from double muscling genes
- Carrier - heterozygotic / carrier of one double muscling gene
- D. Muscled - homozygotic / double muscled
- Not Tested

5. Owner

6. Animal's information

Herd book section, Birth date, Growth Test

7. Additional information (Females)

Age at first calving, Average wean index, Intercalving Period, Number of calves born

8. Sire Information

Maternal wean index

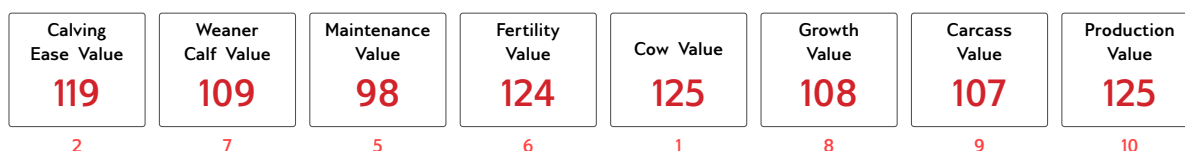
9. Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via microsatellite (DNA) and/or Genomic testing

10. Dam information

Age, Age at first calving and Average Wean Index, Intercalving Period and Number of Calves, Cow award (bronze, silver or gold), Maternal Wean Index, Cow-Calf Wean Index

11. Four (4) generation pedigree

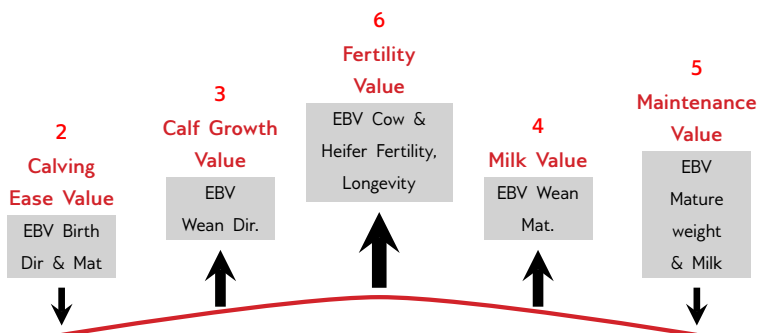
LOGIX SELECTION VALUES



1 L♂ GIX Cow Value

Selection for:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves



7 L♂ GIX Weaner Calf Value

Heavier weaning weights, with more milk, but restricted birth weight



8 L♂ GIX Growth Value

Selection for efficient growers on veld & in the feedlot



9 L♂ GIX Carcass Value

Selection for higher meat yield on carcass



10 L♂ GIX Production Value

Selection for easy-care, Profitable cattle

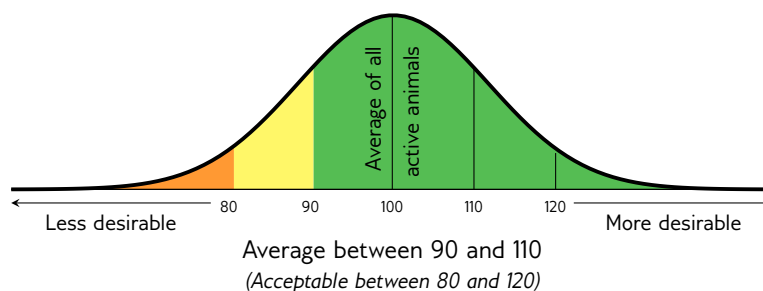
- 80% Cow Value
- 20% Growth Value

EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

Traits		Description/Measurement	Goal	General Guidelines				
				<80	<90	90-110	>110	>120
Selection Values	1 Cow Value	Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value)	Profitable Cow	Loss				Profit
	2 Calving Ease Value	Risk for calving problems (calf too heavy) vs calf too small	Avg. birth weight	High				Low
	3 Calf Growth Value	Calf's genetic ability for pre-weaning growth	Heavy weaner calf	Light				Heavy
	4 Milk Value	Cow's genetic mothering and milking ability	Enough milk for the calf	Less				More
	5 Maintenance Value	Maintenance requirements of cow (cow weight and milk)	Low cow maintenance	High			*	Low
	6 Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low				High
	7 Weaner Calf Value	Combination of calf's weight and cow's milk	Heavy weaner calves	Light				Heavy
	8 Growth Value	Efficient growth on veld and in feedlot (R-value)	Profitable growth	Loss				Profit
	9 Carcass Value	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass	Less				More
	10 Production Value	Combination of Cow- and Growth values (R-value)	Profitable animals	Loss				Profit
Cow & Heifer	11 Birth Weight Direct	Birth weight (Calf's genetic ability)	Avg. birth weight	Heavy				Light
	12 Birth Weight Maternal	Birth weight (Cow's genetic ability)	Easy calving	Heavy				Light
	13 Weaning Weight Direct	Weaning weight (Calf's genetic ability)	Heavy weaner calves	Light				Heavy
	14 Weaning Weight Maternal	Weaning weight (Cow's genetic ability)	Good mothers	Poor				Good
	23 Mature Cow Weight	Cow weight at weaning of first three calves	Avg. mature cow weight	Light		*	*	Heavy
	Cow-Calf Birth	EBV Birth Direct / EBV Mature Cow weight	Average	Low				High
Fertility	Cow-Calf Wean	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low				High
	15 Heifer Fertility	Age at first calving	Fertile heifers	Less				More
	16 Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less				More
	17 Scrotal Circumference	As measured during the growth test	Fertile bulls	Less				More
Growth & Frame	18 Longevity	Retention of progeny	Acceptable progeny	Poor				Good
	19 Post-Wean Weight	12- and 18 month weights	Good post-wean growth	Low			*	High
	20 Average Daily Gain	Average daily gain (g)	Good growth	Poor				Good
	21 Feed Conversion Ratio	100g feed intake / g weight gain	Feed efficiency	Poor				Good
	22 Kleiber Ratio	Average daily gain (g) / Metabolic weight (kg)	Feed efficiency	Poor				Good
	Final Test Weight	Final weight in the growth test	Heavy carcass	Light			*	Heavy
	24 Height	Shoulder / Hip height in growth test	Average height	Short				Tall
	25 Length	Length in growth test	Longer for more muscle	Short				Long
Carcass	26 Length-Height Ratio	EBV Length / EBV Height	Longer rather than tall	<1				>1
	27 Eye Muscle Area	RTU measured eye muscle area	Bigger steaks	Small				Big
	28 Fat Thickness	RTU measured P8 backfat thickness	Carcass quality	Thin				Thick
	29 Marbling	RTU measured % of intra-muscular fat	Juicy meat	Low				High

* Determined by own selection goal

INTERPRETATION OF BREEDING VALUE INDICES



GENETIC VALUES - BUILDING BLOCKS

Calf and Mother				Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Birth Mat.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
83	121	130	89	112	84	101	112	125	126	113	113	104	115	149	82	119
87%	70%	83%	70%	81%	68%	59%	69%	72%	76%	80%	65%	81%	80%	77%	74%	73%
11	12	13	14	17	15	16	18	19	20	22	23	24	25	27	28	29

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the next page. These genetic building blocks are indicated in the catalogue by their Breeding Value indices and accuracies.

PHENOTYPIC VALUES

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: 1520
37kg	284kg	106	103	97	91	92	120	353mm	1.21	Height: 1260
11	13			20	21	22	17	26		24, 25

- Wean, 365D, 504D, ADG, FCR and Kleiber Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured at the end of the growth test
- LH, Length en Height - the animal's length to height ratio, as well as the Length and Height, as measured at the end of the growth test

LOT 1 (M)

ENDELELA FARMING CC

END 200001



Myostatin

Q204X	Free
NT821	Free
F94L	Free



Herd Book	B
Birth date	2020-08-11
Growth Test	B2

WAGB150076 Pp(c)
Wean Mat. 119

Parentage	Sire	Dam
DNA	✓	✓
Genomic		

HART130089
Age 11y | AFC - | Avg. WI 99
ICP 714 | Calves 5
Wean Mat. 97 | CCW 40.1

HART100202
Wean Mat. 109

WAGB070057
Age 16y | AFC 28 | Avg. WI 104
ICP 415 | Calves 10
Wean Mat. 127

HART090055 HH(c)
Wean Mat. 99

AEJ 040192
Age 12y | AFC 31 | Avg. WI 104
ICP 356 | Calves 10
Wean Mat. 103

AG 030359 HH(c)

VBB 080076
Age 7 | Avg. WI 107
ICP - | Calves 5

HA 020169

WAGB030052
Age 6 | Avg. WI 114
ICP - | Calves 3

AG 980338

JMP 040139
Age 12 | Avg. WI 101
ICP - | Calves 10

BHE 990066

AEJ 000067
Age 9 | Avg. WI 99
ICP - | Calves 7

LOGIX
Genomic Breeding Value
Analysis 2024-03-21

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
116	91	114	93	95	84	86	91

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
111	79	108	96	97	95	96	81	85	87	88	91	87	97	108	105
76%	59%	47%	49%	34%	27%	45%	54%	37%	37%	39%	40%	39%	35%	34%	33%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
32kg	207kg	100	100	100	-	-	-	346mm	-		

SELLER REMARKS:

LOT 2 (M)

ENDELELA FARMING CC

END 200033



Myostatin

Q204X	Free
NT821	Free
F94L	Free



Herd Book	B
Birth date	2020-12-20
Growth Test	B2

HMB 140107
Wean Mat. 110

Parentage	Sire	Dam
DNA	✓	✓
Genomic		

HART140072
Age 10y | AFC - | Avg. WI 110
ICP 773 | Calves 4
Wean Mat. 107 | CCW 48.1

HMB 100143
Wean Mat. 106

HMB 120014
Age 4y | AFC 30 | Avg. WI 98
ICP - | Calves 1
Wean Mat. 119

AG 010152 HH(c)
Wean Mat. 103

HART110366
Age 10y | AFC - | Avg. WI 98
ICP 459 | Calves 3
Wean Mat. 103

AEJ 060107

HMB 020086
Age 10 | Avg. WI 103
ICP - | Calves 8

HART080141

HMB 050073
Age 9 | Avg. WI 106
ICP - | Calves 6

AG 980200

AG 990040
Age 14 | Avg. WI 100
ICP - | Calves 12

AG 980338

DZT 060095
Age 7 | Avg. WI 109
ICP - | Calves 6

LOGIX
Genomic Breeding Value
Analysis 2024-03-21

Calving Ease Value	Weaner Calf Value	Maintenance Value	Fertility Value	Cow Value	Growth Value	Carcass Value	Production Value
94	93	99	94	92	102	103	92

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	KLB	Mature Weight	Height	Length	EMA	Fat	Mar
100	94	108	112	99	92	97	96	105	103	98	94	105	114	90	103
77%	71%	47%	50%	38%	30%	49%	56%	43%	43%	37%	49%	47%	32%	31%	30%

Birth Weight	205D Weight	205D Index	365D Index	540D Index	ADG Index	FCR Index	KLB Index	Scrotum	LHR	Length: -	Height: -
38kg	248kg	117	96	102	-	-	-	360mm	-		

SELLER REMARKS:

Dier Info				Actual Values						Expected Breeding Values										Indices			Dam			
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	KLB (g/kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average Auction Average				35	228	-	42.9	-	353	1.09	-0.23	14.5	3.9	23	10	112	82	12.2	1	16	108	-	104	104	4.0	29
1	END 200001	M	B	32	207	-	35.7	-	346	-0.11	-1.08	5.0	6.1	12.3	-3.1	37	40.9	9.7	-6	-1	100	-	96	99	5	36
2	END 200033	M	B	38	248	-	50	-	360	1.12	0.72	11.7	6.2	22.4	8.0	137	93	19.8	-4	22	117	-	112	110	4	22

EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

Lot Number	LOT	LOT	Lot Nommer
Estimated breeding value	EBV	EBV	Beraamde teelwaarde
Parentage verification	Parentage	Ouerskap	Ouerskap verifikasie
Age in years	AGE	OU.D.	Ouderdom in jaar
Age at First Calving	AFC	OEK	Ouderdom met Eerst Kalwing
Intercalving Period	ICP	TKP	Tussen-Kalf Periode
Number of calvings	Calvings	Kalwings	Aantal kalwings
Number of calves weaned	Weaned	Gespeen	Aantal kalwers gespeen
Average Wean index	Avg. WI	Gem. SI	Gemiddelde speen indeks
Animal identification number	ID	ID	Dier se identifikasie nommer
Herd Book Section	SEC	AFD	Kuddeboek Afdeling
Herd Book Section: Pending Registration	PEN	PEN	Kuddeboek Afdeling: Wag vir Registrasie
Herd Book Section: Not for Registration	NFR	NFR	Kuddeboek Afdeling: Nie vir Registrasie
Herd Book Section: Foundation Generation	FO	FO	Kuddeboek Afdeling: Fondasie Generasie
Herd Book Section: Appendix A	A	A	Kuddeboek Afdeling: Aanhangsel A
Herd Book Section: Appendix B	B	B	Kuddeboek Afdeling: Aanhangsel B
Herd Book Section: Studbook Proper, a registered animal	SP	SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
Genomically Tested	GT	GT	Genomies Getoets
Homozygous Horned (Celtic test)	HH(c)	HH(c)	Homosigoties horings (Celtic toets)
Homozygous Polled (Celtic test)	PP(c)	PP(c)	Homosigoties Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotopies Poena
Birth Direct breeding value	Birth Dir.	Geb. Dir	Geboorte Direk teelwaarde
Wean Direct breeding value	Wean Dir.	Spn. Dir.	Speen Direk teelwaarde
Wean Maternal breeding value	Wean Mat.	Spn. Mat.	Speen Maternaal teelwaarde
Scrotal Circumference	Scr. Circ.	Skr. Omt.	Skrotum omtrek
Heifer Fertility	Heifer Fert.	Vers Vrugb.	Vers Vrugbaarheid
Cow Fertility	Cow Fert.	Koei Vrugb.	Koei Vrugbaarheid
Longevity	Longev.	Lankl.	Lanklewendheid
Mature Weight (kg)	Mat. Wt.	Volw. Gewig	Volwasse gewig (kg)
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daaglikse Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Kleiber Ratio (g/kg)	KLB	KLB	Kleiber Verhouding (g/kg)
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness (mm)	Fat	Vet	Rugvet Diepte (mm)
Marbeling (intra-muscular fat)	Mar	Mar	Marmering (binne-spiersse vet)
Actual Birth weight (kg)	Birth Wt.	Geb. gewig	Werklike Geboorte gewig (kg)
205-day Dam-age corrected weight	205d Wt.	205d gewig	205-dag Moeder-ouderdom gekorrigeerde gewig
365-day weight index	365D Index	365D Indeks	365-dae gewig indeks
540-day weight index	540D Index	540D Indeks	540-dae gewig indeks
Length-Height ratio	LH	LH	Lengte-Hoogte Verhouding
Cow-Calf Birth Weight Ratio	CCG	KKG	Koei-Kalf Geboorte Gewig Verhouding
Cow-Calf Wean Weight Ratio	CCW	KKS	Koei-Kalf Speen Gewig Verhouding
Average Weaning Index	Avg. WI	Gem. SI	Gemiddelde speen indeks
Number of Calves	Nr. Calves	Aant. Kalw.	Aantal kalwers
Reproduction Index	Repr. Index	Repr. Indeks	Reproduksie indeks
Animal sex: M - Male, F - Female	M / F	M / V	Dier geslag: M - Manlik, V - Vroulik